

## AMENDMENTS TO THE CLAIMS

Claims 1-6 (Cancelled).

7. (Previously presented) A composition of the formulae:

5 (a)  $M-F_m-O-(CR_2)_2-S_n-(CR_2)_2-O-M^1$ ; or

(b)  $M-Z-A-O-(CR_2)_2-S_n-(CR_2)_2-F^l_{(m+1)}-O-A-Z^1-M^1$ ,

wherein

C, O and S have their normal meaning of carbon, oxygen and sulfur;

n is at least 2 and not more than about 8;

10  $F$  is of the formula  $-O-(CR_2)_2-S_n-(CR_2)_2-O-A-$ ;

$F^l$  is of the formula  $-O-A-O-(CR_2)_2-S_n-(CR_2)_2-$ ;

$m$  is at least 1;

$Z$  and  $Z^1$  are the same or different and are oxy or amino;

$M$  and  $M^1$  are the same or different and are hydrogen or an organic substituent;

15 Each  $R$  is a hydrogen or organic monovalent radical having from 2 to 20 carbon atoms;

and

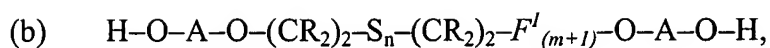
$A$  is the residue of a dicarboxylic acid of from 2 to 40 carbon atoms, which includes carbonyl groups.

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8. (Previously presented) A composition according to claim 7, wherein  $R$ ,  $M$  and  $M^1$  are hydrogen and  $A$  is of from 2 to 12 carbon atoms.

9. (Previously presented) A composition of the formulae:

25 (a)  $H-F_m-O-(CR_2)_2-S_n-(CR_2)_2-O-H$ ; or



wherein

C, O, H and S have their normal meaning of carbon, oxygen, hydrogen and sulfur;

n is at least 2 and not more than about 8;

5  $F$  is of the formula  $-O-(CH_2)_2-S_n-(CH_2)_2-O-A-$ ;

$F'$  is of the formula  $-O-A-O-(CH_2)_2-S_n-(CH_2)_2-$ ;

$m$  is at least 1; and

A is a fatty acid dimer residue, which includes carbonyl groups.

10 10. (Previously presented) A composition according to claim 7, wherein:

M is defined as  $WR^2-$  and

$M^1$  is defined as  $W^1R^3-$ ,

wherein:

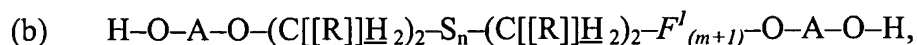
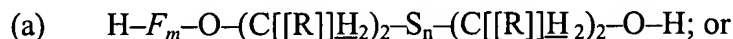
$R^2$  and  $R^3$  are the same or different and are an organic divalent radical having from 2 to

15 12 carbon atoms; and

W and  $W^1$  are the same or different, and are amino and substituted amino of from about 1 to 6 carbon atoms, hydroxyl, carboxyl, isothiocyanate, isocyanate, oxo-carbonyl, non-oxo-carbonyl, siloxane, silane, cyclocarbonate, active olefin, or active halogen.

20 Claims 11-19. (Cancelled).

20. (Currently amended) A composition of the formulae:



25 wherein:

C, O, H and S have their normal meaning of carbon, oxygen, hydrogen and sulfur;

n is at least 2 and not more than about 8;

$F$  is of the formula  $-\text{O}-(\text{CH}_2)_2-\text{S}_n-(\text{CH}_2)_2-\text{O}-\text{A}-$ ;

$F'$  is of the formula  $-\text{O}-\text{A}-\text{O}-(\text{CH}_2)_2-\text{S}_n-(\text{CH}_2)_2-$ ;

$m$  is at least 1;

~~Each R is a hydrogen or organic monovalent radical having from 2 to 20 carbon atoms;~~

5 and A is the residue of a malonic, succinic, glutaric, adipic, pimelic, suberic, azelaic, sebacic, maleic, fumaric, phthalic, isophthalic, terephthalic, hemimellitic, trimellitic, trimesic, ~~eicosanic~~, nonane-dicarboxylic, decane-di-carboxylic, brassylic, dithiodiacetic, ~~polythiodiacetic~~, dithiodipropionic, ~~polythiodipropionic~~, dithiodibutyric, ~~polythiodibutyric~~, which includes carbonyl groups.

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21. (Original) A composition resulting from the reaction of the reactants di(hydroxyethyl)disulfide, succinic or adipic acid and dimethylolpropionic acid and an acid catalyst[.] at a temperature in the range of about 90°C to about 180°C.

15 22. (Currently amended) A composition of the formula:

(a)  $\text{H}-\text{F}_m-\text{O}-(\text{CH}_2)_2-\text{S}_n-(\text{CH}_2)_2-\text{O}-\text{H}$ ; or

(b)  $\text{H}-\text{Z}-\text{A}-\text{O}-(\text{CH}_2)_2-\text{S}_n-(\text{CH}_2)_2-\text{F}'_{(m+1)}-\text{O}-\text{A}-\text{Z}^1-\text{H}$ ,

wherein

C, O, H and S have their normal meaning of carbon, oxygen and sulfur;

20  $n$  is at least 2 and not more than about 8;

$F$  is of the formula  $-\text{O}-(\text{CH}_2)_2-\text{S}_n-(\text{CH}_2)_2-\text{O}-\text{A}-$ ;

$F'$  is of the formula  $-\text{O}-\text{A}-\text{O}-(\text{CH}_2)_2-\text{S}_n-(\text{CH}_2)_2-$ ;

$m$  is at least 1;

$Z$  and  $Z^1$  are the same or different and are oxy or amino; and

25 A is a fatty acid dimer residue.

~~according to claim 7, wherein R, M and M<sup>+</sup> are hydrogen, and A is a fatty acid dimer residue.~~

Claims 23-27. (Cancelled).